Page 1 of 2

## PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2007-201491

(43)Date of publication of application: 09.08.2007

(51)Int.Cl.

H01L 51/50 H05B 33/12 (2006.01) (2006. 01)

CO9K 11/06

(2006. 01)

(21)Application number: 2007-063815

(71)Applicant: IDEMITSU KOSAN CO LTD

(22)Date of filing:

13.03.2007

(72)Inventor: FUKUOKA KENICHI

TAGAMI SANAE

HOSOKAWA CHISHIO

(30)Priority

Priority number: 11372514

Priority date: 28.12.1999

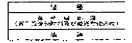
Priority country: JP

## (54) WHITE COLOR ORGANIC ELECTROLUMINESCENCE ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an organic EL element of white color which has a sufficient performance in the practicality such as emitting white color light, having a high luminescence efficiency and having a long-life life.

SOLUTION: In an organic electroluminescence element which has a pair of electrodes and a luminescence medium layer sandwiched between the pair of electrodes, the white color organic electroluminescence element is characterized by the fact that the luminescence medium layer contains a blue color luminescent material and at least one of a fluorescent compound having a fluoranthene structure, pentasene structure, or a perylene structure.



**LEGAL STATUS** 

[Date of request for examination]

18.06.2007

[Date of sending the examiner's decision of rejection

Kind of final disposal of application other than the examiner's decision of rejection or

application converted registration] [Date of final disposal for application]

[Patent number]

[Date of registration]

Searching PAJ Page 2 of 2

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]